

WO 2005/007055

PCT/GB2004/003061

6

CLAIMS

1. Spray apparatus for cleaning *inter alia* toilet bowls, the apparatus comprising a spray head connected through a water hose to a pressurised source of water, the spray head including a casing formed with an opening to receive one end of the water hose and an outlet nozzle from which water under pressure can leave the housing, and a hand operated valve for selectively enabling or preventing the flow of water through the outlet nozzle.
2. Apparatus as claimed in claim 1 wherein the cross-sectional area of the outlet nozzle is substantially less than that of the hose and/or the opening in communication with the hose.
3. Apparatus as claimed in claim 2 wherein the cross-sectional area of the outlet nozzle is less than one half that of the hose.
4. Apparatus as claimed in any one of the preceding claims wherein the outlet nozzle comprises a single orifice.
5. Apparatus as claimed in any one of claims 1 to 3 wherein the outlet nozzle comprises a plurality of orifices.
6. Apparatus as claimed in any one of the preceding claims wherein a chamber is housed within the casing to receive and retain cleansing medium.
7. Apparatus as claimed in any one of the preceding claims wherein the valve is operated manually by a trigger mounted externally on the spray head casing.
8. Apparatus as claimed in claim 7 wherein the valve is resiliently biased to its closed position.

WO 2005/007055

PCT/GB2004/003061

7

9. Apparatus as claimed in any one of the preceding claims wherein the water hose is flexible.
10. Apparatus as claimed in claim 9 wherein the water hose is produced from plastics or rubber or a rubber-like material.
11. Apparatus as claimed in claim 9 or claim 10 wherein the hose wall is reinforced with metallic wire or filaments.
12. Apparatus as claimed in any one of the preceding claims wherein the spray head includes a removable cover to provide access to the chamber.
13. Apparatus as claimed in any one of the preceding claims wherein the hose is connected to the head through a friction fit over a collar protruding from one side of the casing.
14. Apparatus as claimed in any one of the preceding claims wherein the external surface of the hose is corrugated.
15. Apparatus as claimed in any one of the preceding claims wherein the source of pressurised water comprises a pipe connected to a mains supply to a building.
16. Apparatus as claimed in any one of claims 1 to 14 wherein the pipe receives water from an elevated holding tank positioned within a building.
17. Apparatus as claimed in any one of the preceding claims wherein the pipe receives water under pressure from an electrically or mechanically driven pump.

WO 2005/007055

PCT/GB2004/003061

8

18. Apparatus as claimed in any one of the preceding claims wherein the pipe comprises a water feed pipe for conveying water under pressure to a cistern of a toilet.
19. Spray apparatus substantially as herein described and as described with reference to the accompanying drawings.